

ANADROMOUS WATERS CATALOG/ATLAS
CORRECTION FORM

ME

CORRECTION TO: Atlas X Catalog X

Region: SEA

Map: Skagway A-2 NE onset

Water Body Number: 115-32-10300-2006-3010

Describe Change(s): retain deleted stream

Change Requested By: Johnson

 3/15/2012

Drafted/Digitized By: [Signature]

 3/19/12
Date
Date

Revision Code: C-8

Nomination Number: 11-538

****ATTACH THIS FORM TO EXISTING NOMINATION FORM****

Johnson, J D (DFG)

From: Blanche, Paul M (DFG)
Sent: Tuesday, January 31, 2012 10:10 AM
To: Johnson, J D (DFG)
Subject: FW: ADF&G Staff notice: Public Review of 5 AAC 95.011 (2012 update to the Anadromous Waters Catalog)
Attachments: Nom 11-714 extend -2915.docx; Nom 11-538 retain portion of -2006-3010.docx

FYI. Let me know how you process these. I keep track of all the comments and whether we accept or reject them.

Thank you,

Paul Blanche
Habitat Biologist
Alaska Dept. of Fish and Game
333 Raspberry Rd, Ste. 2068
Anchorage, AK 99518
907-267-2812
paul.blanche@alaska.gov

From: Chapell, Richard S (DFG)
Sent: Tuesday, January 31, 2012 9:07 AM
To: Blanche, Paul M (DFG)
Subject: RE: ADF&G Staff notice: Public Review of 5 AAC 95.011 (2012 update to the Anadromous Waters Catalog)

Paul:

After reviewing the draft 2012 AWC maps, I would like to suggest changes to how two Haines area nominations will be adopted into the AWC. The nominations are 11-538 and 11-714, and I have attached explanations of my suggested changes.

Thank you for your consideration,

Richard Chapell
Haines/Skagway Area Management Biologist
Alaska Department of Fish and Game
Sport Fish Division
P.O. Box 330, Mile 1 Haines Highway
Haines, AK 99827

From: Blanche, Paul M (DFG)

Sent: Thursday, January 26, 2012 4:31 PM

To: Bethel, Michael L (DFG); Minnillo, Mark J (DFG); Fitch, Heather B (DFG); Estensen, Jeff L (DFG); Chapell, Richard S (DFG); Fisher, Kim (DFG); Ford, Ethan G (DFG); Glynn, Brian J (DFG); Gross, Jeffrey A (DFG); Jones, Patrick W (DFG); Marston, Brian H (DFG); Litchfield, Virginia P (DFG); Morris, William A (DFG); Menard, James A (DFG); Moffitt, Steve D (DFG); Morstad, Steve P (DFG); Baker, Brandy L (DFG); Somerville, Mark A (DFG); Piazza, Kelly S (DFG); Poetter, Aaron D (DFG); Ivey, Samuel S (DFG); Sands, Tim M (DFG); Timothy, Jackie L (DFG); Tydingco, Troy A (DFG); Westerman, David L (DFG); Linderman, John C (DFG); Lingnau, Tracy L (DFG); Kelley, Scott (DFG); Honnold, Steven G (DFG); Josephson, Ronald P (DFG); Hasbrouck, James J (DFG); Frenette, Brian J (DFG); Roach, Stafford M (DFG); Rozen, Celia M (DFG); Kearney, Maeghan Y (EED)

Cc: Bates, Randall W (DFG); Ott, Alvin G (DFG); Daigneault, Michael J (DFG); McKinley, Lee (PCO); Johnson, J D (DFG); Piorowski, Robert J (DFG); Savikko, Kurt E (DFG); Tonkin, Kerri (DFG); Mulligan, Ben (DFG); Messing, Kevin J (LAW); Lamantia, Vanessa M (LAW)

Subject: ADF&G Staff notice: Public Review of 5 AAC 95.011 (2012 update to the Anadromous Waters Catalog)

The public review documents and draft maps for the 2012 Revision to the Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes and its associated Atlas are being distributed for public review.

The draft Catalog and Atlas for all six regions of Alaska (Southeastern, Southcentral, Southwestern, Arctic, and Interior) are being sent to: the ADF&G offices in Anchorage at 333 Raspberry Rd., in Fairbanks at 1300 College Rd., and in Douglas at 802 3rd St.; the Alaska Resources Library in Anchorage; and the State Library in Juneau. The ADF&G offices in Craig, Palmer, Bethel, Cordova, Delta Junction, Dillingham, Dutch Harbor, Glennallen, Haines, Homer, Ketchikan, King Salmon, Kodiak, Sand Point, Nome, Sitka, Soldotna, Tok, Wrangell, and Yakutat will receive copies of the proposed changes for their local region only. As noted in the attached letter, the public review period begins Wednesday, February 8, 2012 and will conclude on Friday, March 16, 2012.

The 2012 Public Notice packet is attached to this email. Electronic equivalents of these documents and draft maps are available through the ADF&G website at: <http://awc.adfg.alaska.gov>

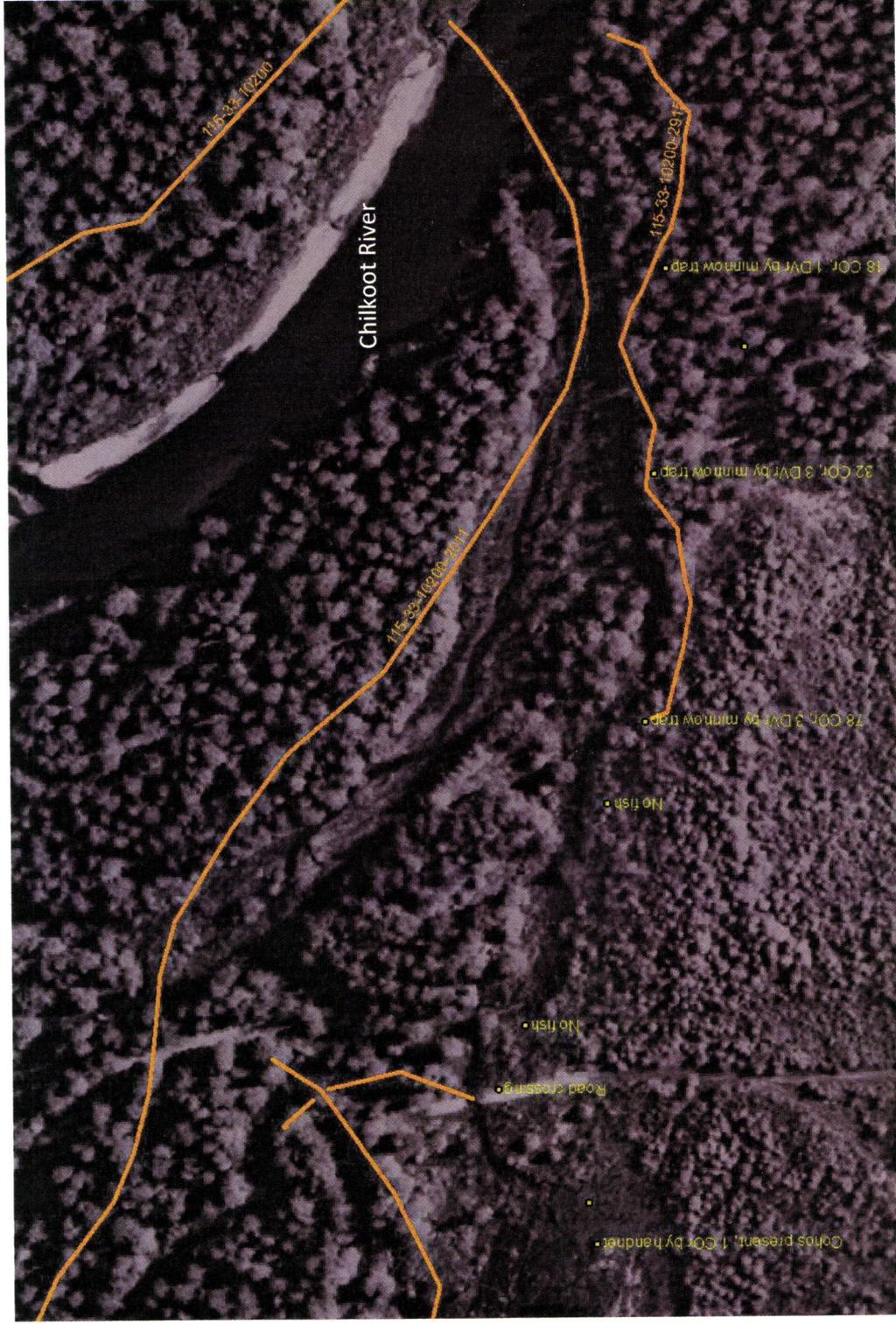
Primary Recipients of this email: please post the 2012 Public Notice in a public area during the review period. Please make the hard copies of all review documents available for public review when they arrive in the mail. Please note the referenced website is not published at this time but will be active before February 8, 2012. Thank you for your help with this.

If you have any questions regarding the attached material or the regulatory review process, please contact Paul Blanche at paul.blanche@alaska.gov or (907)-267-2812.

Thank you,

Paul Blanche
Habitat Biologist
Alaska Dept. of Fish and Game

333 Raspberry Rd, Ste. 2068
Anchorage, AK 99518
907-267-2812
paul.blanche@alaska.gov



The orange lines area draft 2012 AWC arcs. 115-32-10200-2915 is a new tributary. The yellow points are from AWC nomination 11-714, based on Quinn's September 2011 stream survey, with notes on fish caught. -2915 should be extended to the westernmost point, Quinn's Waypoint 153, where she observed multiple "Cohos present... handnet 1 coho 65 mm".

Points to add to AWC stream 115-33-10200-2915, from nomination 11-714, based on Quinn's September 2011 stream survey:

Waypoint	Lat	Lon	Sample effort	Notes/sample result
145	59.38890	-135.64983	Minnow trap	18 CO 40-60 mm, 1 DV 70 mm
146	59.38864	-135.65031		Trib
147	59.38892	-135.65113	Minnow trap	32 CO 35-70 mm, 3 DV 45-70 mm
148	59.38893	-135.65270	Minnow trap	78 CO 35-70 mm, 3 DV 40-65 mm
149	59.38904	-135.65323	Minnow trap	No fish caught
150	59.38930	-135.65464	Minnow trap	No fish caught
151	59.38937	-135.65505		Road crossing
152	59.38908	-135.65576		Small trib enters
153	59.38905	-135.65602	Hand net	Cohos present, 1 CO 65mm caught



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

ME

Region Southeastern USGS Quad(s) Skagway_A-2_NE

Anadromous Waters Catalog Number of Waterway 115-32-10300-2002-5007 *delete 2000-3010-4008's*

Name of Waterway Sawmill Creek Tributary USGS Name Local Name -5013

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>11-538</u>	<u>[Signature]</u>	<u>10/28/11</u>
		Fisheries Scientist	Date
Revision Year:	<u>2012</u>	<u>[Signature]</u>	<u>10/28/11</u>
		Habitat Operations Manager	Date
Revision to:	Atlas _____	<u>[Signature]</u>	<u>10/21/11</u>
	Both <u>X</u>	AWC Project Biologist	Date
Revision Code:	<u>A-2, D-2, D-1</u>	<u>[Signature]</u>	<u>11/22/11</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon			✓	✓	✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:
Coordinates (Lat,Long): Upper(59.23903,-135.474) Lower(59.23611,-135.4750017)
Add new stream w/ coho salmon rearing
delete 115-32-10300-2006-3010 and all of 3010-4008

Name of Observer (please print): Matthew Kern
Signature: 146.63.61.200 (Web Nomination) Date: 09/15/2011
Agency: _____
Address: 3067 Mountainwood Circle 3067 Mountainwood Cir
Juneau, AK 99801

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 02/08
Name of Area Biologist (please print): _____

Table 2: Survey Data from Sawmill Creek Tributary: June 8.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
1	59.23853	-135.474	Beginning day where Matt & Nolin left off. Tributary runs river-right off mainstem trib off upper Sawmill Creek. Lots of coho visible in confluence and downstream. Begin track		
2	59.23869	-135.474	First coho catch by Nolin. 30 mm	Handnet	Coho fry
3	59.23903	-135.474	Second coho catch right outside culvert on highway. 55 mm. Small pool looks like good habitat.	Handnet	Coho fry
4	59.23919	-135.474	Across highway now in spruce forest. Numerous cutthroat seen.	Handnet	Cutthroat
5	59.23956	-135.473	Another cutthroat catch by KERN	Handnet	Cutthroat
6	59.23972	-135.473	Another two cutthroat caught. Habitat looks undisturbed and great Cutthroat habitat	Handnet	Cutthroat
7	59.24028	-135.472	Possible trib -----> river-left		
8	59.2405	-135.472	Trib turns into meadow with lots of downed trees and limbs. Looks like the work of a human. Turning back to trib.		
9	59.24156	-135.473	Large culvert lies two feet above creek creating small waterfall. Rocks under culvert look irony. Probable barrier at low-water. Still no coho. Visual id of two cutthroat.		

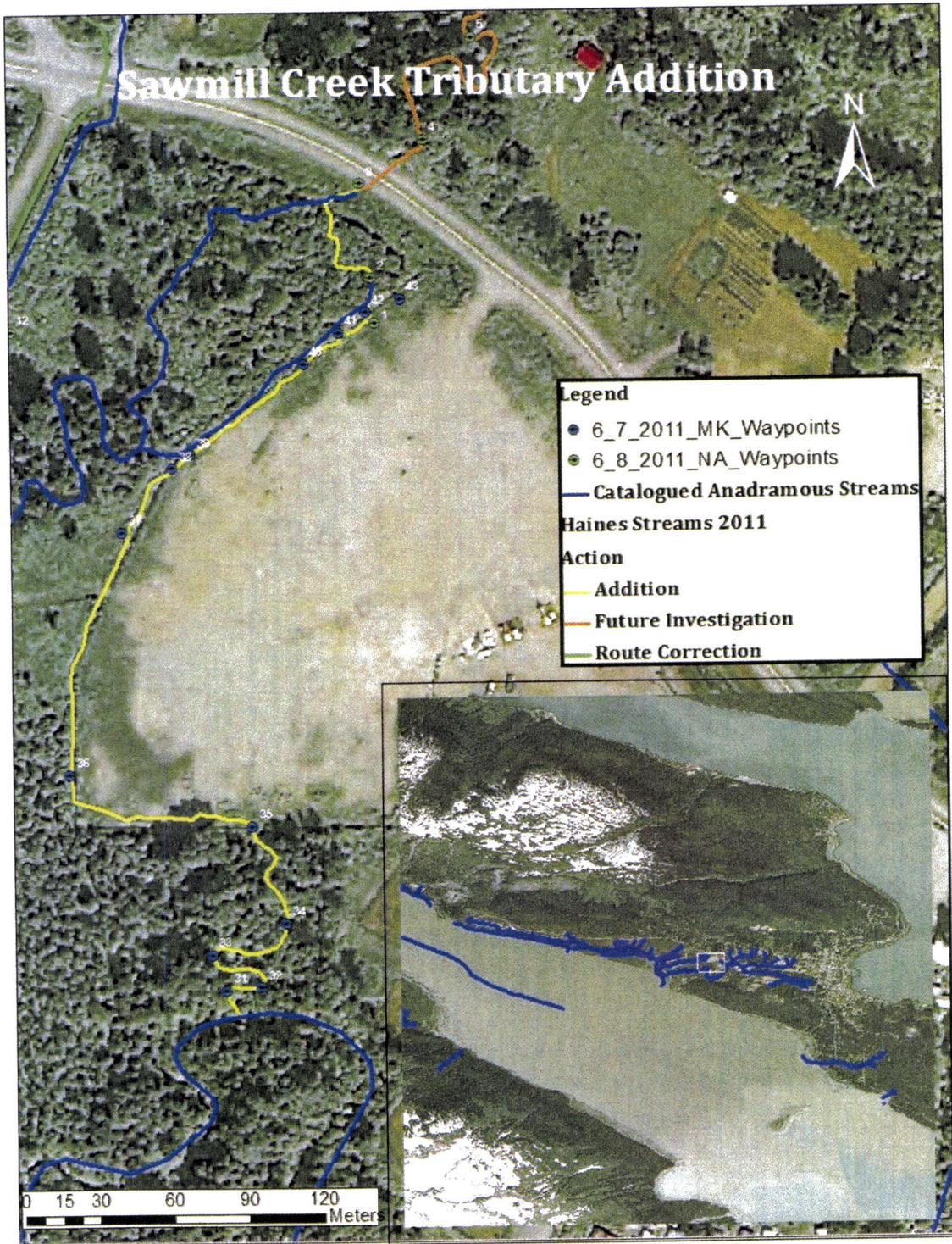


Figure 1: Map of Sawmill Tributary and surroundings.

Address

Spears

115-32-103-2006-3010

-2006-3010-4008

-3010-4008-5013

W/Cole

5/1/1991 Reming

-3010

FOR V

-5013

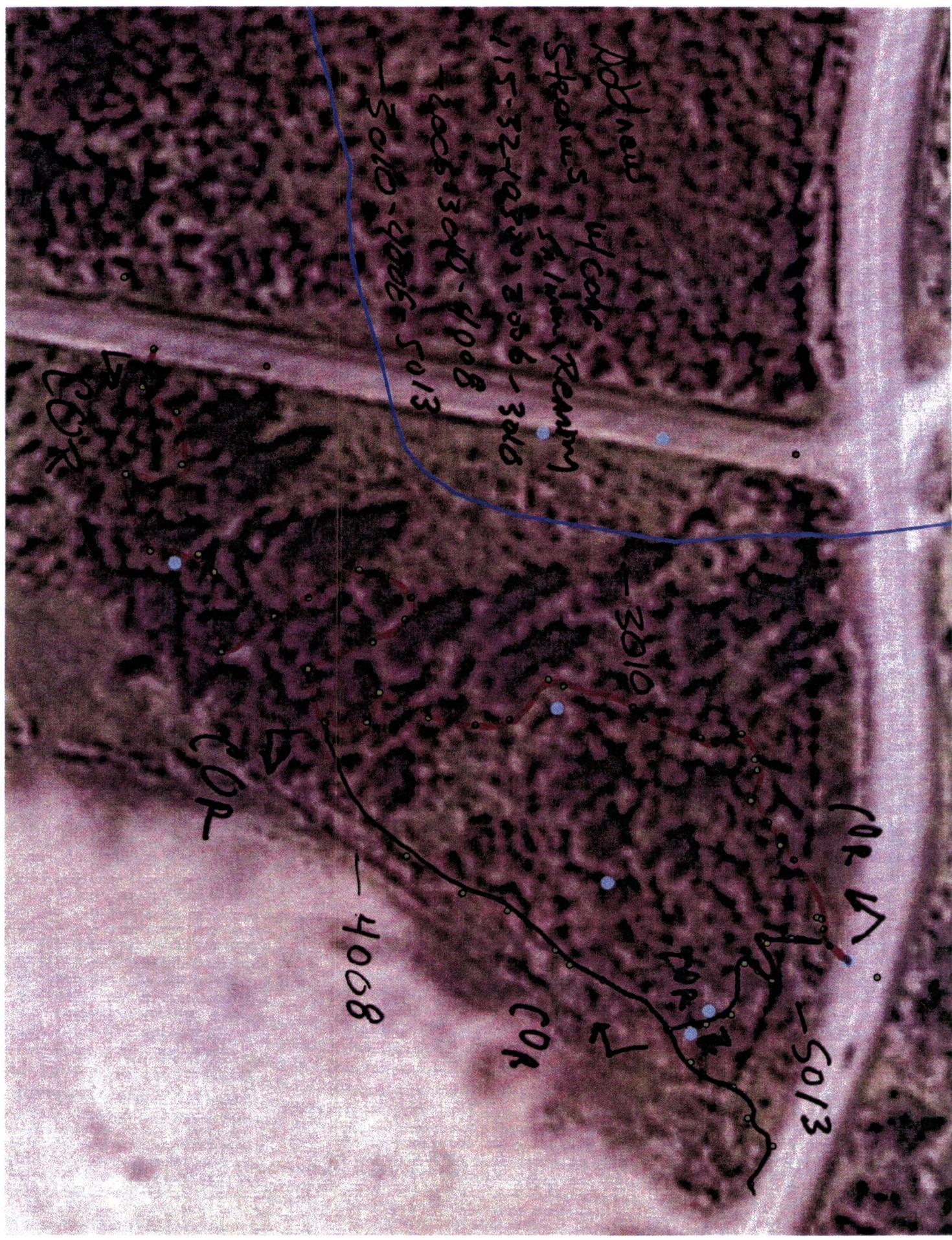
FOR V

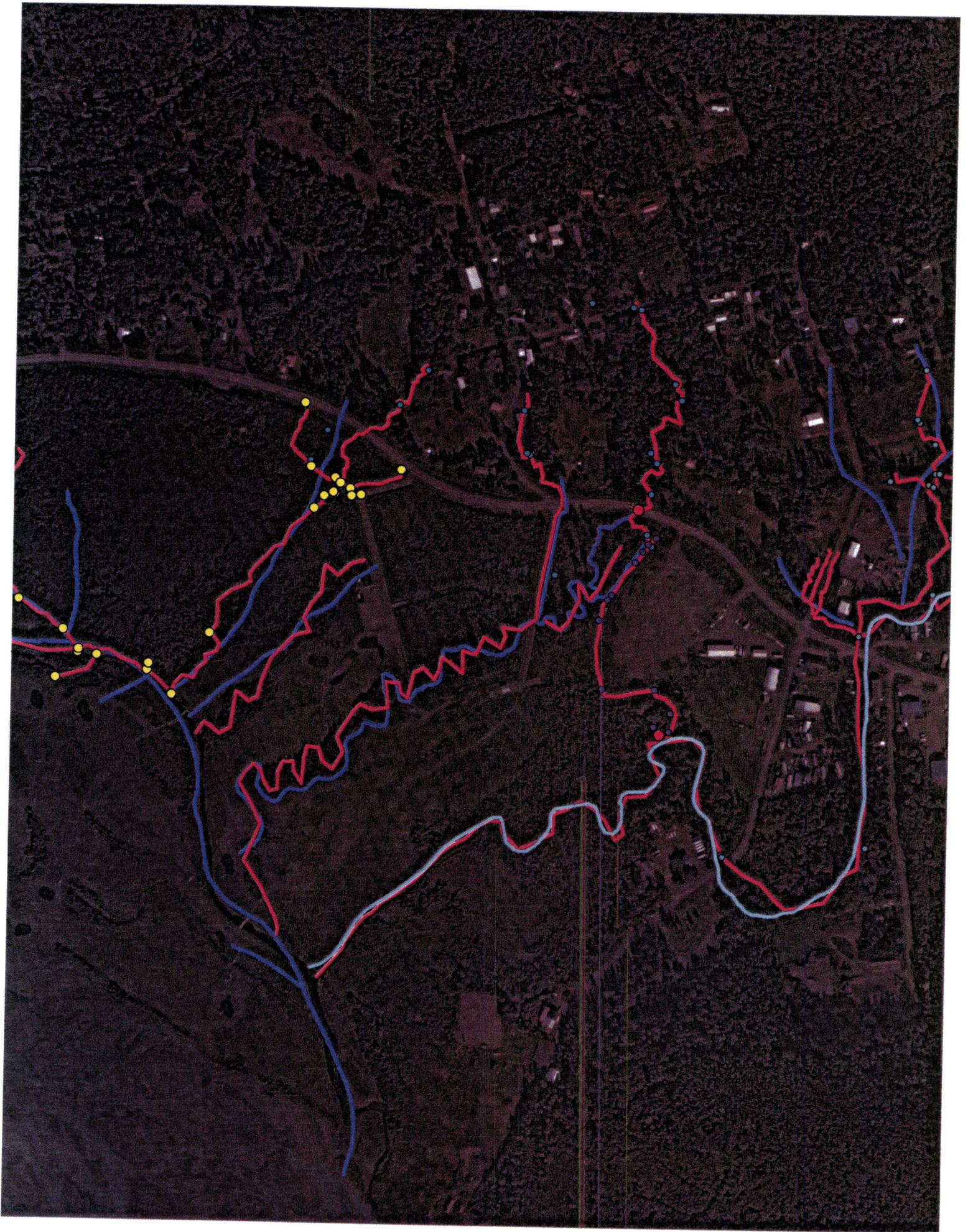
COR

-4008

COR

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State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern USGS Quad(s) Skagway A-2
 Anadromous Waters Catalog Number of Waterway 115-32-10300-2006 - (3010) - (66006) - (5013)
 Name of Waterway _____ USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>09-1087</u>	<u>[Signature]</u> Fisheries Scientist	<u>10/30/09</u> Date
Revision Year: <u>2010</u>	<u>[Signature]</u> Habitat Operations Manager	<u>10/30/09</u> Date
Revision to: Atlas _____ Both <u>X</u>	<u>[Signature]</u> AWC Project Biologist	<u>6 OCT 09</u> Date
Revision Code: <u>A-2</u>	<u>[Signature]</u> Cartographer	<u>12/1/09</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	09/23/2009		✓		✓
cutthroat trout	09/23/2009		✓		
Dolly Varden	09/23/2009		✓		

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including number of fish and life stages observed; sampling methods, sampling duration and area sampled, copies of field notes, etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as specific stream reaches observed as spawning or rearing habitat, locations, types, and heights of any barriers, etc.

Comments: Add new streams w/ coho salmon REARING
 I mapped this uncataloged drainage on May 15 and observed several salmonid fry in the system, but did not attempt to capture and identify the species. On September 23, Tim Shields of the Takshanuk Watershed Council set 6 baited minnow traps throughout the braided drainage and captured 34 coho and 1 Dolly Varden, each less than 95mm fork length. The stream has two main channel forks. The west fork is more clearly defined, though the east fork carries the majority of water. The stream was originally nominated for inclusion in the AWC in 1997 (98-151), but was declined due to insufficient fish use information. The drainage joins Stream No. 11532-10300-2006 at a culvert inlet on Wellfield Road. See attached trapping data, ArcGIS map, supporting shapefile.
 Coordinates (Lat,Long): Upper(59.23901,-135.47408) Lower(59.23796,-135.47733)

Name of Observer (please print): Kate Kanouse
 Signature: 146.63.139.153 (Web Nomination) Date: 09/28/2009
 Agency: ADFG - HAB
 Address: ADF&G Habitat ADF&G Habitat
Juneau, AK 99811

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.
 Signature of Area Biologist: _____ Date: _____ Revision 02/08
 Name of Area Biologist (please print): _____

115-32-10300-2002 Tributary

Stream: Sawmill Creek Tributary (115-32-10300-2002)

Watershed: Battery Point

USGS Quadrangle: Skagway_A-2_NE

MTRS: Section 28, Township 30S, Range 59E

Date Surveyed: June 7, 2011

Findings: This stream is a tributary to Sawmill Creek. After meandering through a forested area, the stream crosses the highway and runs along the side of a gravel lot. The area associated with the gravel lot is highly disturbed, and although we found numerous Juvenile Coho present, we also found one large dead (300+ mm) cutthroat in the disturbed area.

Recommendations: Add this stream to the AWC. Also, it would be wise to attempt future collaboration with property owners on adjacent gravel lot to ensure future protection of this productive little stream.

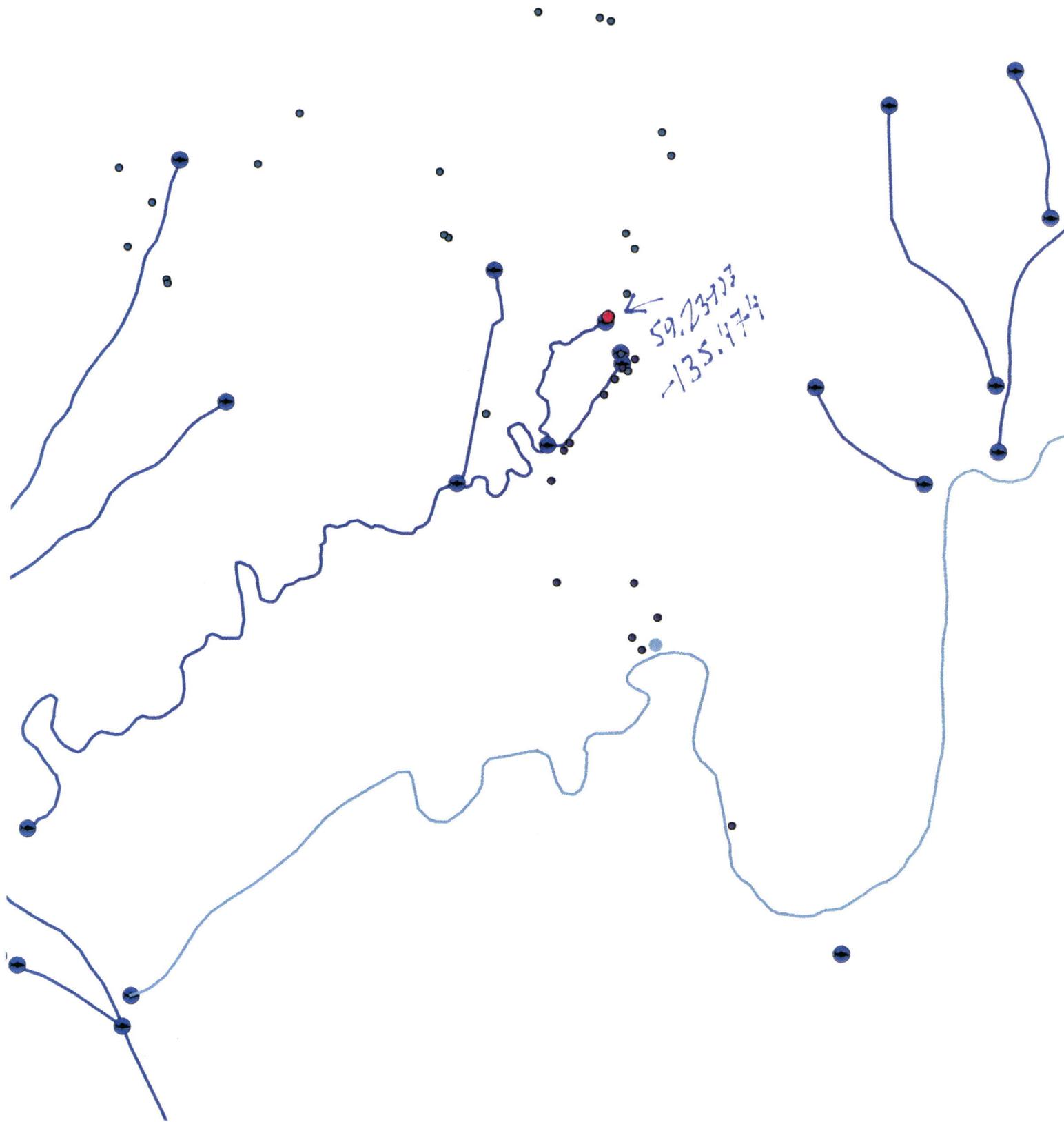
Nomination form submitted: Yes

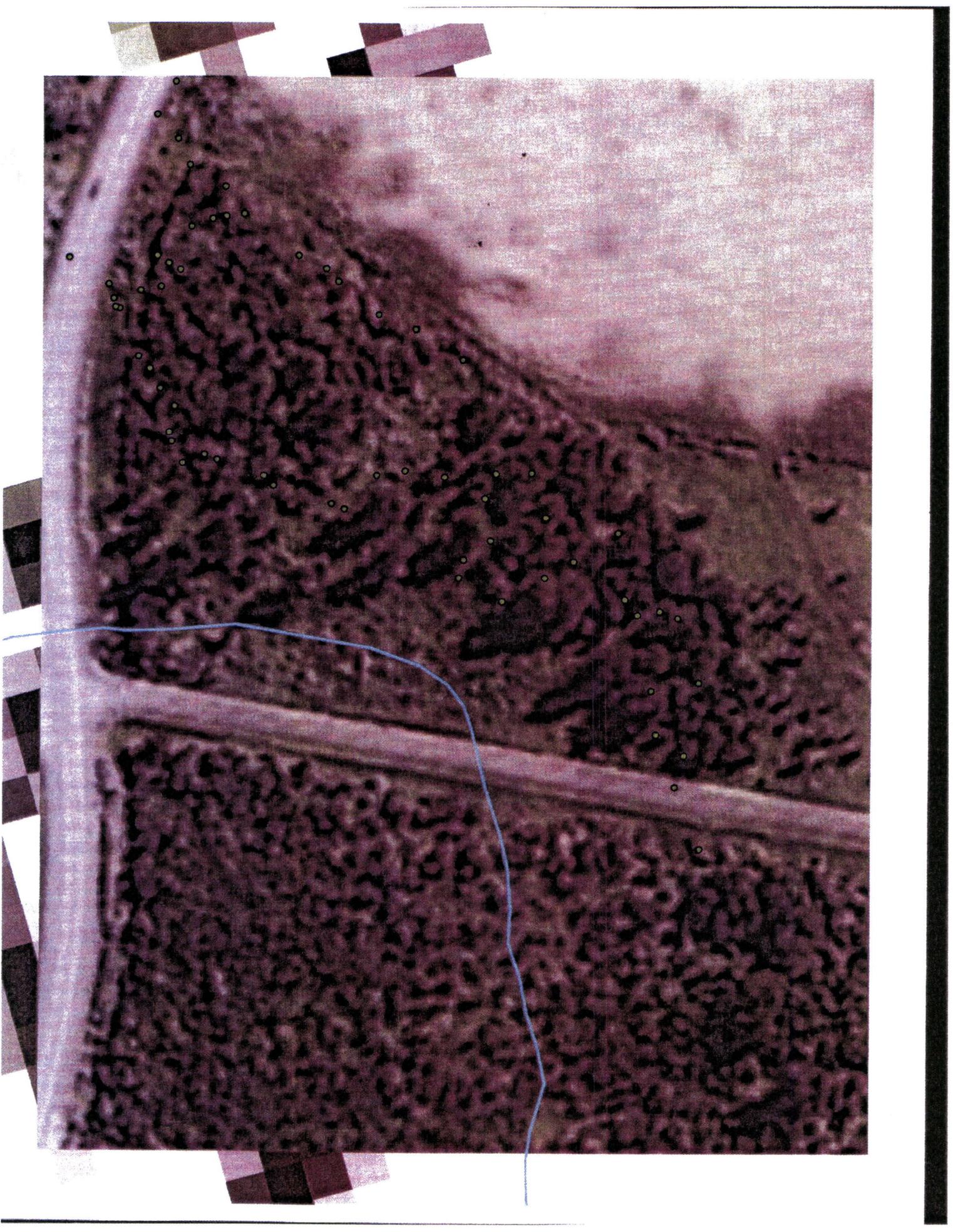
Nomination Status:

Notes:

Table 1: Survey Data from Sawmill Creek Tributary: June 7.

Waypoint	lat	Long	Notes	Sample Effort	Sample Result
31	59.23611	-135.4750017	Confluence with Tributary on River Right - Begin tracking upstream		
32	59.23612	-135.4747596	1 Coho netted -about 35 mm, another visually ID'd in same location - continuing upstream	NET	1 Coho, 35 mm
33	59.23624	-135.4751039	1 Coho netted - about 30 mm... Continuing upstream	NET	1 Coho, 30 mm
34	59.23635	-135.4745867	1 Coho netted, about 30 mm... many more present	NET	1 Coho, 30 mm
35	59.2367	-135.4748206	4 Cohos netted, 30-35 mm	NET	4 Cohos; 30-35
36	59.23689	-135.476109	Square lot stream		
37	59.23777	-135.4757277	Dead adult cutthroat - 300 mm... Don't know if it was resident, transplanted, or just brought here		
38	59.238	-135.4753785	1 Juvenile coho - 30 mm in net	NET	1 Coho, 30 mm
39	59.23805	-135.4752459	3 Cohos netted - 35 mm each	NET	3 Cohos, 35 mm
40	59.23838	-135.4744491	Tiny triblet enters on River Right, future investigation possibly if conditions were a bit wetter		
41	59.23849	-135.474197	Another very small trib enters on River Right		
42	59.23856	-135.4740105	Medium sized Tributary, worth looking into for future investigation... River Right - Coho Present!		
43	59.23861	-135.4737677	Becomes dry channel at road.. May be habitat above culvert during higher flows...		





Johnson, J D (DFG)

From: OnlineFDDNominations@state.ak.us

Sent: Monday, September 28, 2009 12:24 PM

To: Johnson, J D (DFG)

Subject: Online Nomination Submitted at {ts '2009-09-28 12:23:45'}... Saving Nomination to Database

You have the following new nominations.

UserID - 1037

UserName - Kate Kanouse

**Thank You for submitting your nomination.
Your Nomination was successfully saved.**

This is the nomination number for your submitted nomination:

09-1087

GNA dbf

Please write these numbers down or print this page for your records.

If you have further questions please feel free to email j.johnson@alaska.gov.
Thank you for your time.

delete part of 115-32-10300-2006-3210

end of 115-32-10300-2006-3210

with 15013



arc shapefile - Haines_Merge2

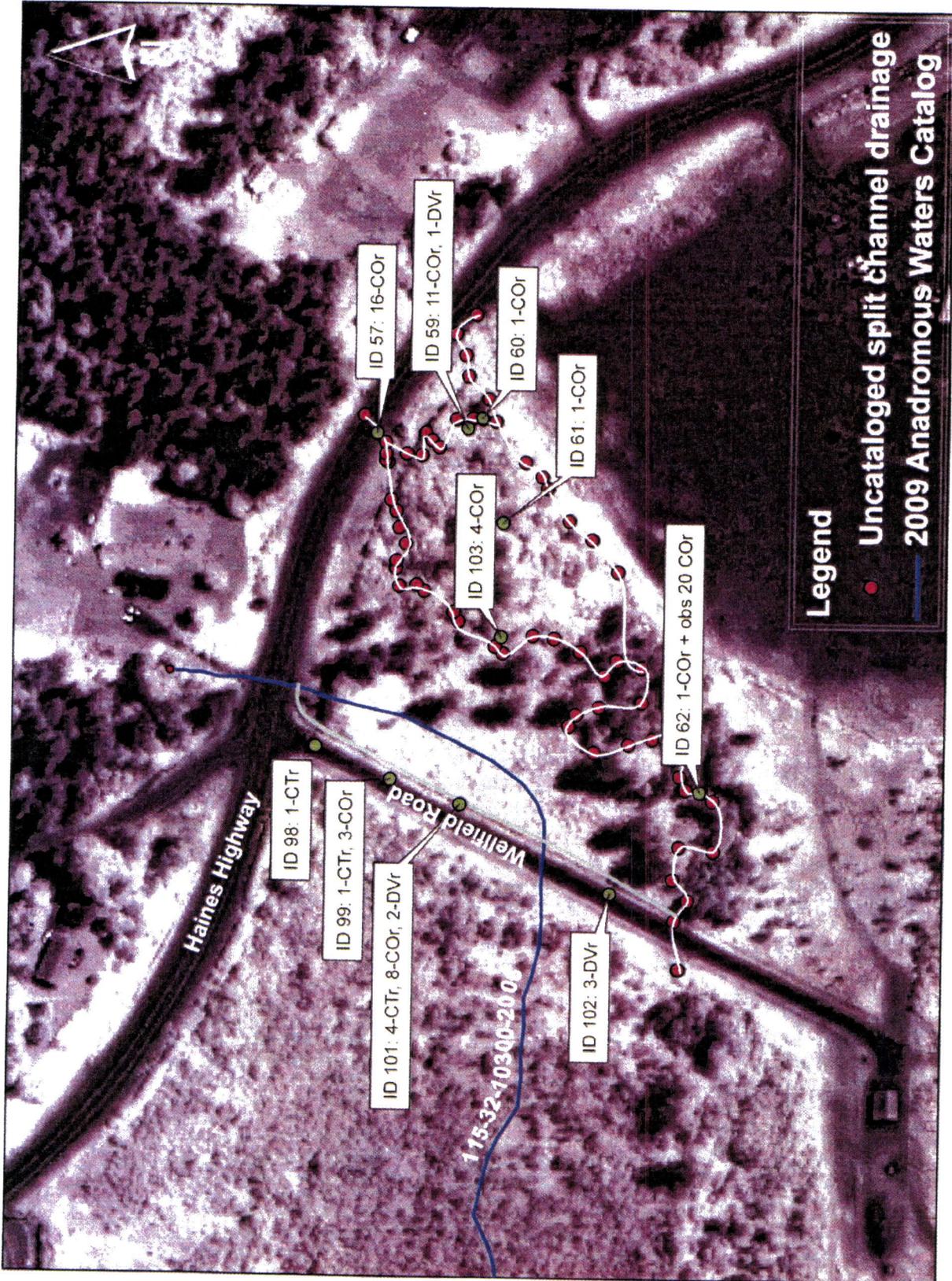
- 3007

Address NRA

115-32-10300-2006-3210

with 15013

115-32-10300-2006 Update and Tributary Addition



Legend

- Uncataloged split channel drainage
- 2009 Anadromous Waters Catalog

0 150 300 Feet